

## MARKED-UP COPY OF AMENDED CLAIMS:

1. (Amended) A broadcast receiver for separating multiplexed transport stream data, said broadcast receiver comprising:

a receiving unit for receiving the multiplexed transport stream data;

a memory for storing ~~the~~ said received transport stream data;

a processing unit which determines an optimal buffer size in accordance with a bit rate of ~~the~~ said received transport stream data ~~received by said receiving unit and~~ which reserves, in said memory, a storage area having ~~the determined~~ said optimal buffer size; and

a demultiplexer for ~~performing separation processing of~~ separating transport packets ~~by~~ from said received transport stream data using ~~the~~ said reserved storage area.

2. (Amended) A broadcast receiver according to Claim 1, wherein ~~the~~ said optimal buffer size is described ~~beforehand in~~ a program to be executed by said processing unit.

3. (Amended) A broadcast receiver according to Claim 2, wherein ~~the~~ said program is executed when the main power of ~~the~~ said broadcast receiver is switched on.

4. (Amended) A broadcast receiver according to Claim 2, wherein ~~the~~ said program is prestored in said memory.

5. (Amended) A broadcast receiver according to Claim 2, wherein ~~the~~ said program is stored in a nonvolatile memory.

6. (Amended) A broadcast receiver according to Claim 1, wherein ~~the~~ said optimal buffer size is determined by detecting ~~the~~ said bit rate of ~~the~~ said received transport stream data.

7. (Amended) A ~~control~~ method for controlling a broadcast receiver ~~to for receive~~ receiving multiplexed transport stream data, ~~for store~~ storing the received transport stream data in a memory, and ~~for separate~~ separating ~~at~~ the desired transport packet

from the stored transport stream data, said control method comprising ~~the steps of~~:

determining an optimal buffer size in the memory in accordance with a bit rate of the received transport stream data; ~~and~~

reserving, in ~~said the~~ memory, a storage area having the determined optimal buffer size;

storing the received transport stream data in the reserved storage area; and

~~wherein using the reserved storage area is used to perform separation of these~~ separate the desired transport packet from the stored transport stream data.

8. (Amended) A control method according to Claim 7, wherein the optimal buffer size is described ~~beforehand~~ in a program to be executed by a control processor controlling ~~said the~~ broadcast receiver.

9. (Amended) A control method according to Claim 8, wherein the program is executed by ~~said the~~ control processor when the main power of the broadcast receiver is switched on.

10. (Amended) A control method according to Claim 8, wherein the program is ~~stored beforehand~~ prestored in ~~said the~~ memory.

13. (Amended) A ~~program stored in a~~ storage medium recorded with a program for controlling, ~~the program being executed by a control processor in a broadcast receiver to~~ for receiver ~~receiving~~ multiplexed transport stream data, ~~for storing the received transport stream data in a memory, and for separating the~~ desired transport packet from the stored transport stream data,

~~the program including the steps of the program comprising:~~

determining an optimal buffer size in the memory in accordance with a bit rate of the received transport stream data; and

reserving, in ~~said the~~ memory, a storage area having the ~~determined optimal~~ buffer size.

14. (Amended) A ~~program-storage medium~~ according to Claim 13, wherein the broadcast receiver is controlled by a control processor, and the program is executed by said the control processor when the main power of the broadcast receiver is switched on.

15. (Amended) A ~~program-storage medium~~ according to Claim 13, wherein the program further includes ~~further including the step of detecting~~ the bit rate of the received transport stream data,

wherein the optimal buffer size is determined in accordance with the detected bit rate.

REMARKS

Entry of the above-noted amendments is respectfully requested. Entry of the substitute specification has been made to correct typographical and/or grammatical errors found therein, and to place the specification in better form for U.S. practice. The claims have been amended to more clearly set forth the invention and not for reasons related to patentability. No new matter has been added by the amendments.

No fees are believed to be necessary for this Preliminary Amendment. However, if there are any fees to be incurred in connection herewith, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

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Respectfully submitted,

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